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(71) Applicant (for all designated States except US): GATE-
CHANGE TECHNOLOGIES, INC. [US/US]; 115 Re-
search Drive, Bethlehem, PA 18015 (US).

(72) Inventors; and

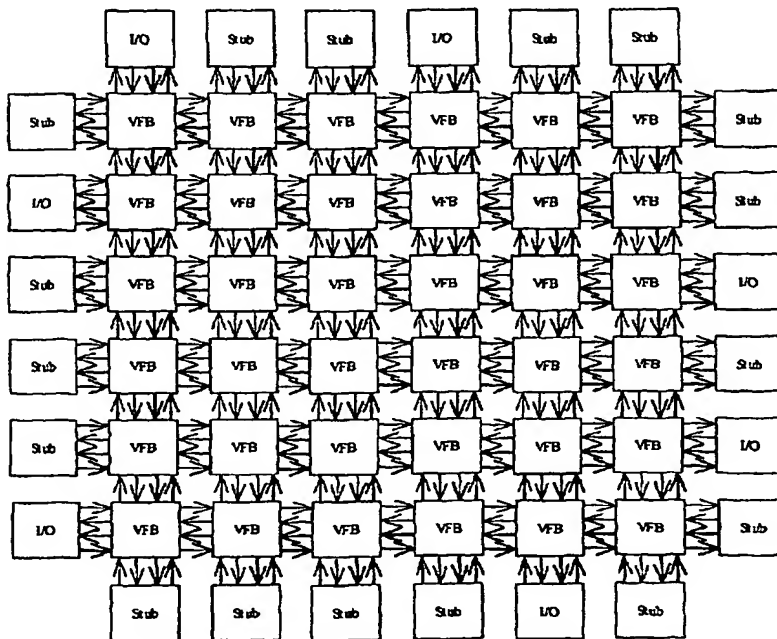
(75) Inventors/Applicants (for US only): HORTON, James,
A. [US/US]; 4535 Loch Valley Road, New Tripoli, PA
18066 (US). KLEIN, Robert, C., Jr. [US/US]; 212
Saucon View Drive, Bethlehem, PA 18015 (US). GROSS,
Geroge, F., Jr. [US/US]; 143 Wwddhill Drive, Fleet-
wood, PA 19522 (US). FLEMMING, Terry [US/US];
2195 Stonewall Drive, Macungie, PA 18062 (US). JENK-
INS, Reynolds, E., Jr. [US/US]; 748 Kennedy Avenue,
Mertztown, PA 19539 (US).

(74) Agents: HUSICK, Lawrence, A. et al.; Lipton, Wein-
berger & Husick, 201 North Jackson Street, P.O. Box 934,
Media, PA 19063-0934 (US).

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(54) Title: SYSTEM AND METHOD FOR MESSAGE PASSING FABRIC IN A MODULAR PROCESSOR ARCHITECTURE



(57) Abstract: The invention provides a system and method of providing a message passing fabric in a modular processing system where a plurality of processing elements (VFBs), access other available processing elements to provide a message passing fabric where the fabric asynchronously establishes routes for synchronous messages from an origin processing element to a destination processing element to permit an operation to occur at the destination processing element in a flexible, efficient, self-routing and real-time dynamically optimized manner.

Messenger Interconnected Processor Array

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